

WMAP Cosmological Parameters

Model: wcdm+mnu

Data: wmap9+spt+act+snls3+bao

$10^9 \Delta_{\mathcal{R}}^2$	$2.481^{+0.078}_{-0.077}$	$H_0$	$69.8 \pm 1.5$ km/s/Mpc
$A_{\text{clustered}}$	$< 11$ (95% CL)	$A_{\text{Poisson}}^{\text{ACT}}$	$14.6 \pm 2.4$
$A_{\text{Poisson}}^{\text{SPT}}$	$> 16$ (95% CL)	$\ell(\ell+1)C_{220}/(2\pi)$	$5750 \pm 33$ $\mu\text{K}^2$
$d_A(z_{\text{eq}})$	$14190 \pm 75$ Mpc	$d_A(z_*)$	$14024 \pm 76$ Mpc
$D_v(z=0.57)/r_s(z_d)$	$13.59 \pm 0.15$	$\eta$	$(6.043 \pm 0.093) \times 10^{-10}$
$k_{\text{eq}}$	$0.00997 \pm 0.00020$	$\ell_{\text{eq}}$	$139.8 \pm 2.1$
$\ell_*$	$302.05 \pm 0.41$	$\sum m_\nu$	$< 0.75$ eV (95% CL)
$n_b$	$(2.482 \pm 0.038) \times 10^{-7}$ $\text{cm}^{-3}$	$n_s$	$0.9594 \pm 0.0086$
$\Omega_b$	$0.0454 \pm 0.0021$	$\Omega_b h^2$	$0.02210 \pm 0.00034$
$\Omega_c$	$0.235 \pm 0.011$	$\Omega_c h^2$	$0.1144^{+0.0027}_{-0.0028}$
$\Omega_\Lambda$	$0.710 \pm 0.013$	$\Omega_m$	$0.290 \pm 0.013$
$\Omega_m h^2$	$0.1411^{+0.0027}_{-0.0026}$	$\Omega_\nu h^2$	$< 0.0080$ (95% CL)
$r_s(z_d)$	$152.55 \pm 0.82$ Mpc	$r_s(z_d)/D_v(z=0.106)$	$0.3427 \pm 0.0057$
$r_s(z_d)/D_v(z=0.2)$	$0.1860 \pm 0.0026$	$r_s(z_d)/D_v(z=0.35)$	$0.1112 \pm 0.0013$
$r_s(z_d)/D_v(z=0.44)$	$0.0911 \pm 0.0010$	$r_s(z_d)/D_v(z=0.54)$	$0.07684 \pm 0.00084$
$r_s(z_d)/D_v(z=0.57)$	$0.07357^{+0.00080}_{-0.00079}$	$r_s(z_d)/D_v(z=0.6)$	$0.07065^{+0.00076}_{-0.00075}$
$r_s(z_d)/D_v(z=0.73)$	$0.06090 \pm 0.00063$	$r_s(z_*)$	$145.86 \pm 0.73$
$R$	$1.757 \pm 0.011$	$\sigma_8$	$0.758 \pm 0.044$
$\sigma_8 \Omega_m^{0.5}$	$0.408 \pm 0.022$	$\sigma_8 \Omega_m^{0.6}$	$0.360 \pm 0.020$
$\alpha_{\text{SNLS}}$	$1.43 \pm 0.11$	$\beta_{\text{SNLS}}$	$3.26 \pm 0.11$
$A_{\text{SZ}}$	$< 1.1$ (95% CL)	$t_0$	$13.925 \pm 0.090$ Gyr
$\tau$	$0.085 \pm 0.013$	$\theta_*$	$0.010401 \pm 0.000014$
$\theta_*$	$0.59592 \pm 0.00081$ $^\circ$	$\tau_{\text{rec}}$	$283.5 \pm 1.4$
$t_{\text{reion}}$	$450^{+64}_{-65}$ Myr	$t_*$	$375243^{+2371}_{-2365}$ yr
$w$	$-1.149 \pm 0.087$	$z_d$	$1019.53 \pm 0.82$
$z_{\text{eq}}$	$3267 \pm 66$	$z_{\text{rec}}$	$1088.81^{+0.62}_{-0.61}$
$z_{\text{reion}}$	$10.5 \pm 1.1$	$z_*$	$1091.73 \pm 0.54$